FMC

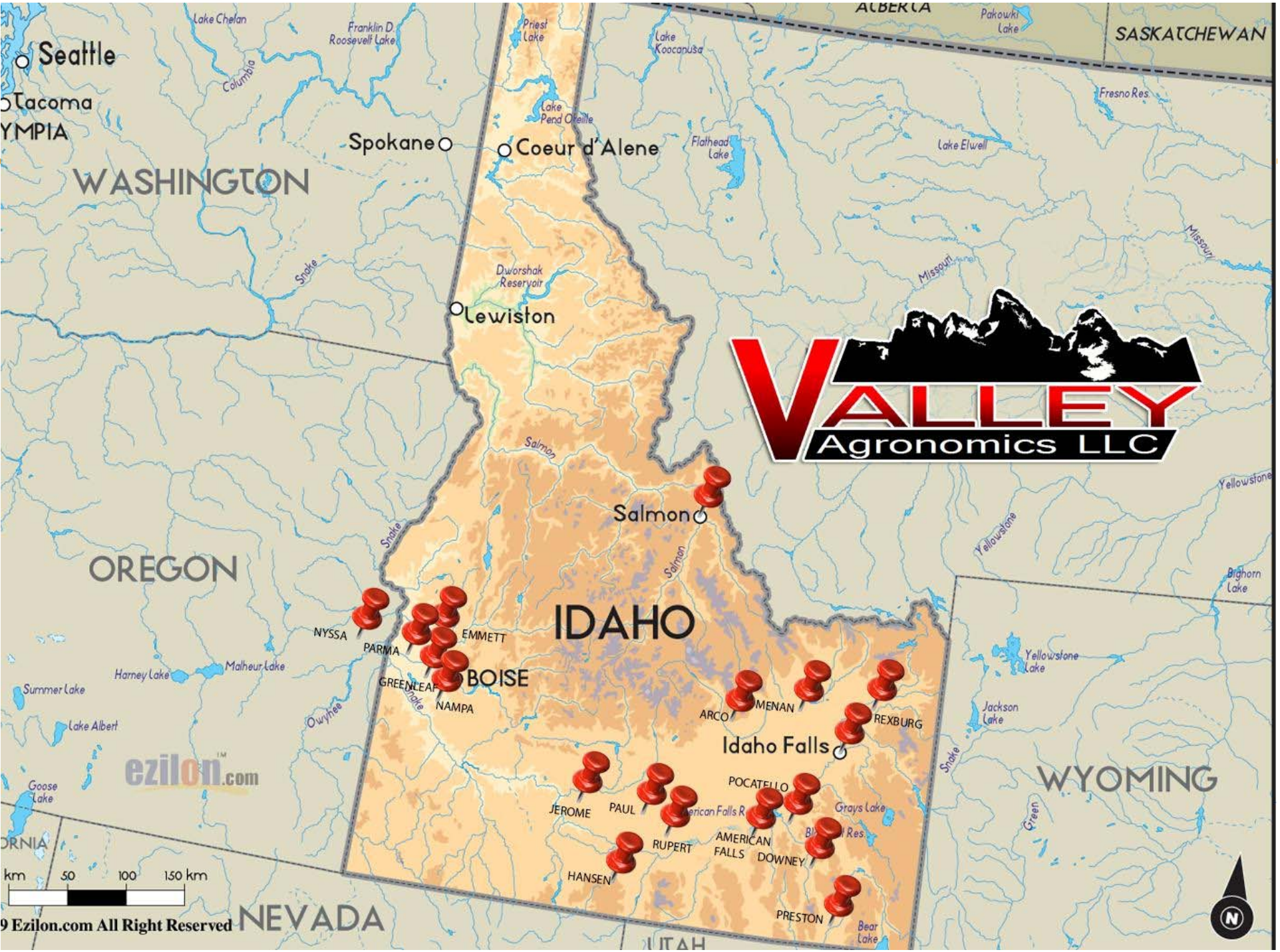
THINK. SAFE.

RA-G Development

FMC OU Site
Pocatello, Idaho

December 2015


VALLEY
Agronomics LLC


Seattle
Tacoma
YMPIA
Spokane
Coeur d'Alene
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Lewiston
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BOISE
NYSSA
PARMA
EMMETT
GREENLEAF
NAMPA
ARCO
MENAN
REXBURG
Idaho Falls
POCATELLO
JEROME
PAUL
RUPERT
HANSEN
AMERICAN FALLS
DOWNEY
PRESTON
Lake Chelan
Franklin D. Roosevelt Lake
Columbia
Priest Lake
Lake Koocanusa
Lake Pend Oreille
Flathead Lake
Fresno Res.
Lake Elwell
Dworshak Reservoir
Snake
Missouri
Salmon
Yellowstone
Bighorn Lake
Yellowstone Lake
Jackson Lake
Grays Lake
Harney Lake
Malheur Lake
Summer Lake
Lake Albert
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VALLEY
Agronomics LLC


Our Mission
To provide quality products and services at a value that both the company and customer enjoy. We do this with respect to the communities we do business in and the environments that we impact.

Our Strategy

- To grow to the size that enables us to
  - Meet the needs of all segments of our customer base
  - Demands respect and value from our suppliers
  - Effectively compete with our strongest competitor
  - Attract and retain the best people
  - Provide quality and efficient facilities and equipment
- To diversify in an effort to avert risk
- To seek and communicate the best information
- To look for opportunities to give back
- To leverage t[illegible]ative advantage
- To Maintain [illegible]ancial platform from which to build

Our History

- Valley Agronomics LLC was formed in 2007 as a partnership between Valley Wide Coop, Valley Coop and Agriliance
- 2010 - Added 3 locations in the Treasure Valley
- 2011 - Built first hub plant - Hansen, Idaho (30,000 tons)
- 2011 - Added Preston, Idaho Location
- 2012 - Built liquid hub plant - Menan, Idaho (13,000 tons)
- 2013 - Completed second Hub plant - Greenleaf, Idaho (28,000 tons)
- 2014 Sales - $200,000,000 over 250,000 tons fertilizer

What we started with;

- Many of the facilities we were using were constructed in the 50's and 60's to serve a customer base whose average farm was 500-800 acres. These facilities were not built with their impact to the environment in mind
- Today in Idaho, many of our customers operate on 10-20,000 acres and require service that keeps up with their ability to plant those acres in a matter of days
- That pressure to provide adequate service to those producers has taxed our facilities, manpower and safety to the point where something was going to give (accidents)
- Constructing these facilities has allowed us to concentrate on serving the customer in a way that is efficient, professional and safe for our drivers and the environment

Concept

- Size -
  - To build a facility that would hold enough product to supply us through spring season
  - This allows us to concentrate our efforts on supplying the customer
  - Reduces the risk of product exposure to the environment
- Controll
  - Construct a facility that addresses containment and control of the product at all points of contact
- Locations -
  - Construct these facilities in key (rail) locations thus reducing inefficiencies and time on the road
- Equipment
  - Built with equipment that is controlled from a central office with the latest control systems
  - Equipment with the capacity to meet customers needs - 2000 tons per day

Hansen Agronomy – Our First

- Built in 2010
- Replaced 4 older, smaller, inefficient plants
- 20,000 ton dry product
- 10,000 ton liquid product
- Fully contained
- Computerized blenders and controls

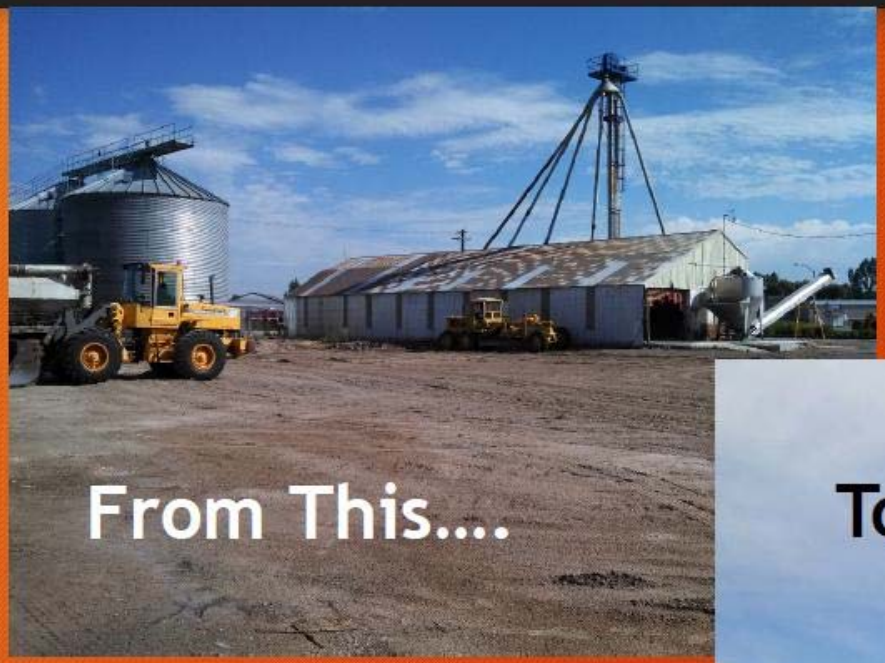
Menan – Liquid Plant

- Liquid Plant completed in 2014
- Dry plant planned for 2017
- 40,000 ton total capacity
- Replaces 4 older, smaller plants
- Fully computerized blending and loading
- 3000 ton per day capacity
- Fully Contained

Greenleaf, Idaho

- Constructed in 2012
- 20,000 ton dry fertilizer
- 10,000 to liquid fertilizer
- Recipient of Dupont Environmental Respect Award
- Replaced three older plants
- 18 acre experimental farm adjacent

Preston, Idaho - 2015



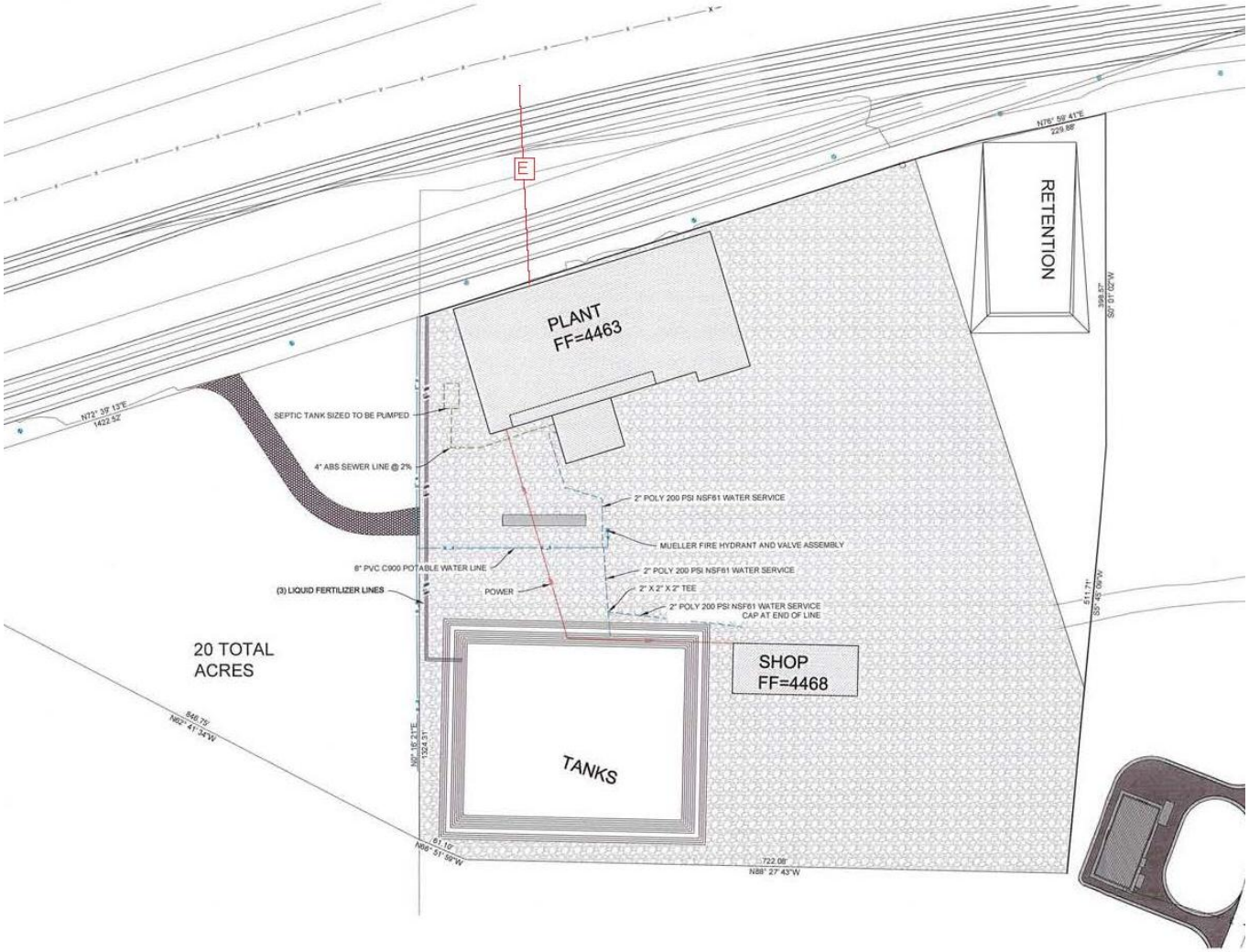
Future Plans

- **Key locations yet to be completed**
  - **Pocatello, Idaho 2016**
    - 25,000 ton dry plant
    - 10,000 ton liquid
  - **Menan, Idaho 2017**
    - 35,000 ton dry plant
  - **Cedar City, Utah – tbd**
    - 4,000 ton dry plant

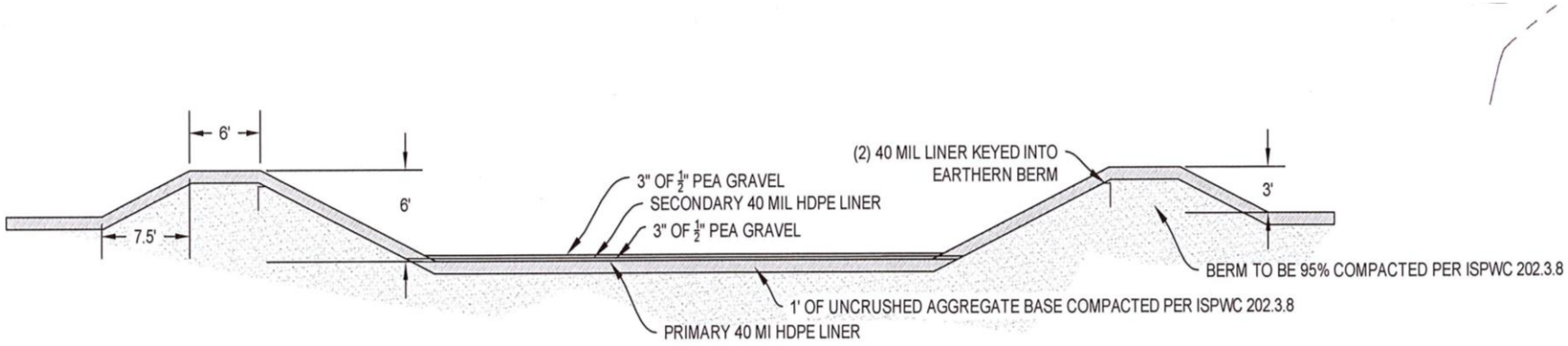
Site Plan


RETENTION POND
INFLUENT PIPELINE
RAIL CAR
RECEIVING
TUNNEL
PLANT
POND 3
Redevelopment Project
LEASE AREA
(~14.5 ACRES)
POND 3 PARTITION LAYOUT
(DRAWING C-01-112)
TYPICAL EXTRACTION
WELL VAULT
INFLUENT PIPELINE
VALLEYWIDE LEASE
BOUNDARY
SHOP
WATER TREATMENT
PLANT
EFFLUENT PIPELINE
TANKS
POTABLE WATER LINE
INFILTRATION
ZONE
SANITARY SEWER
UNDERGROUND ELECTRICAL
RA-E
(NORTH)
PLANT LAYOUT
(DRAWING C-01-105)

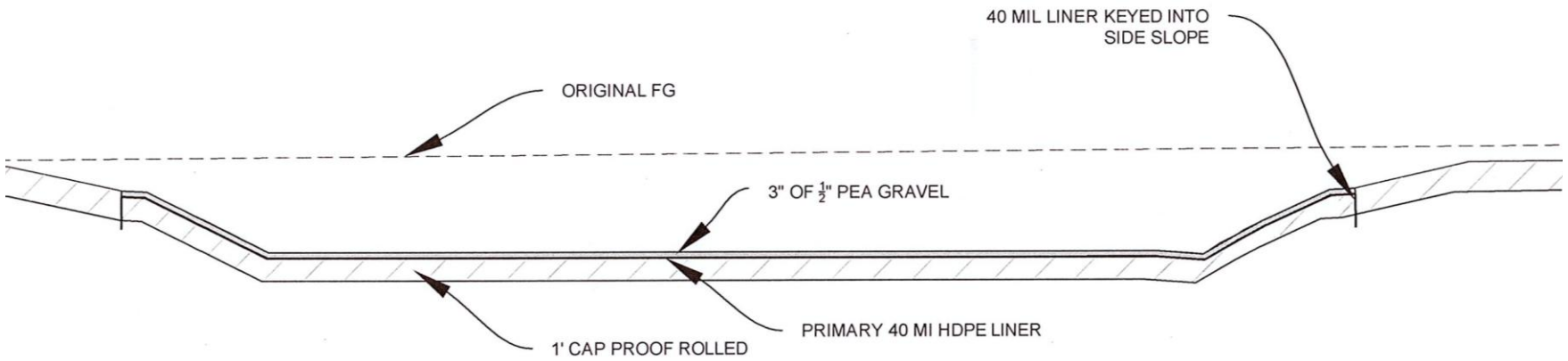
Site Utility Layout



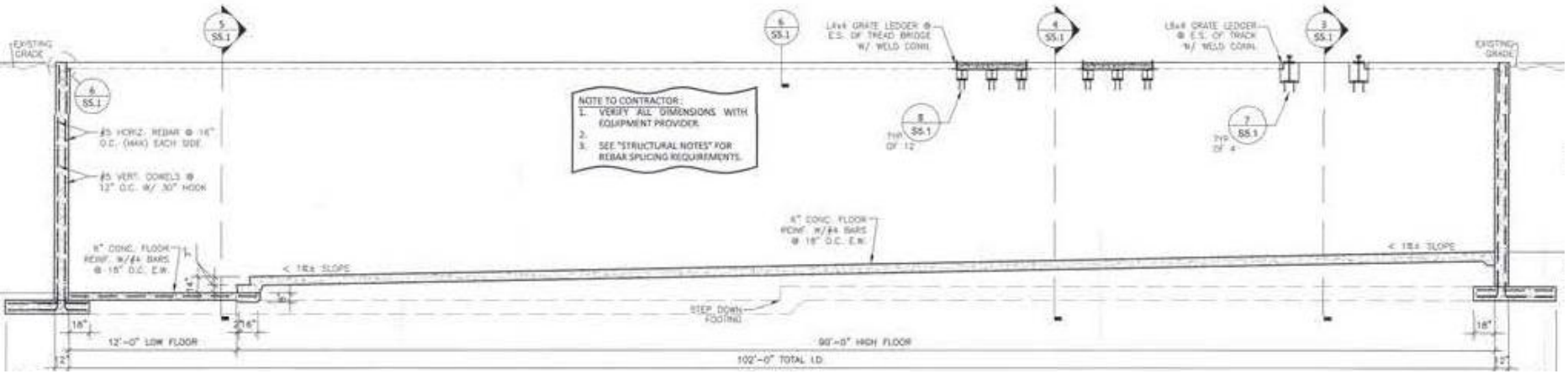
Tank Farm Section



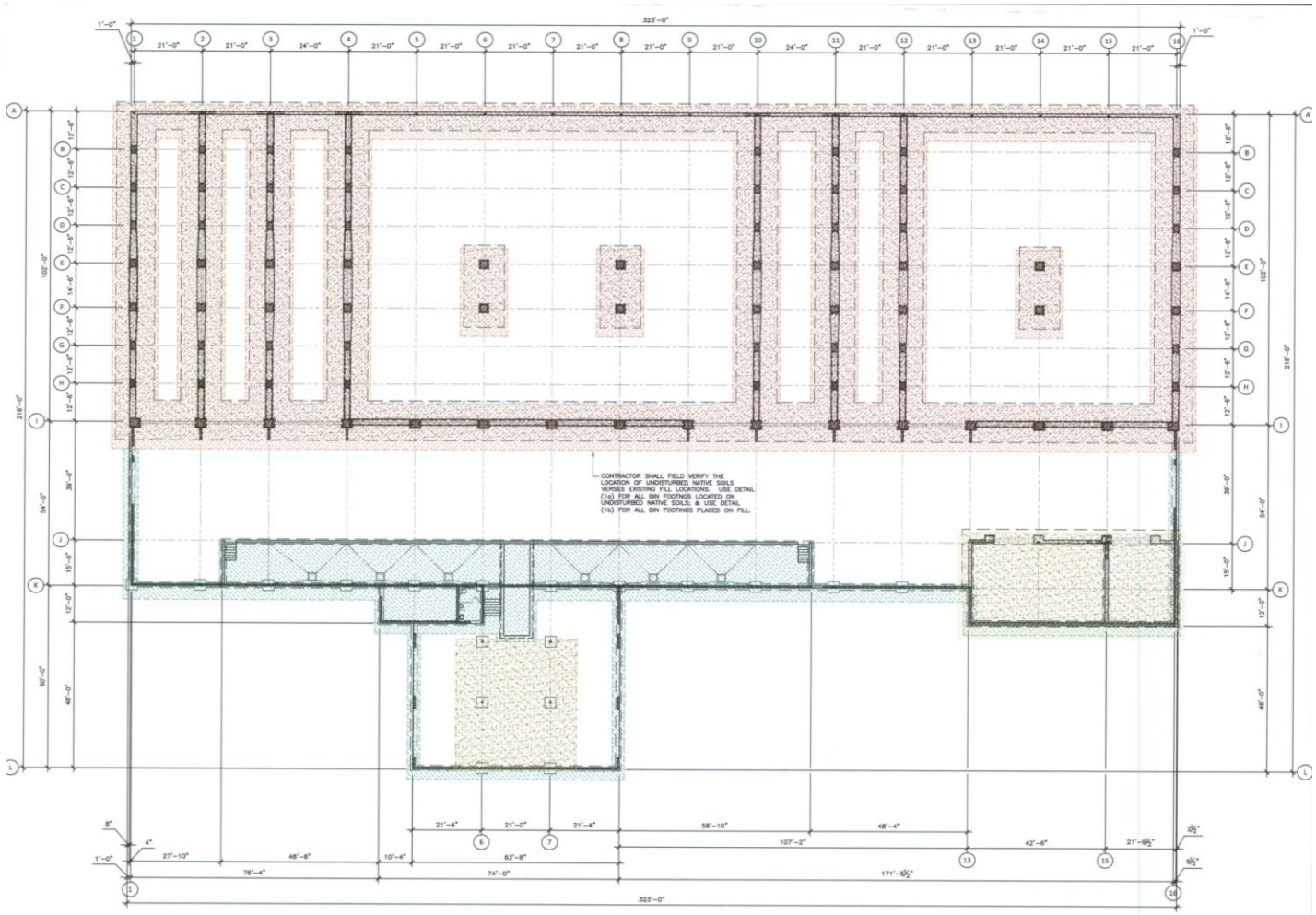
Retention Pond Section



Rail Car Receiving Conveyor Tunnel

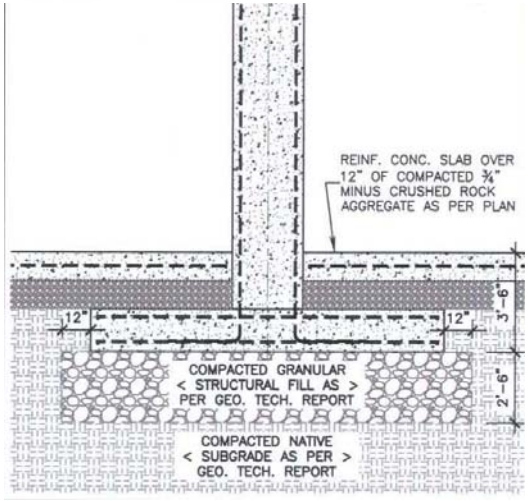


Dry Plant Floor and Foundation Geotechnical Considerations

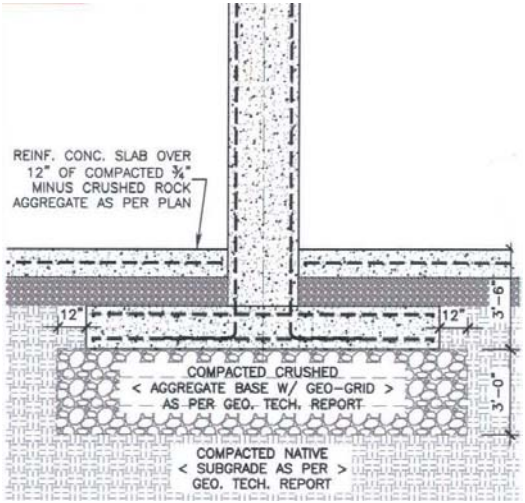


Floor and Foundation Subbase Soil Reinforcement Plan

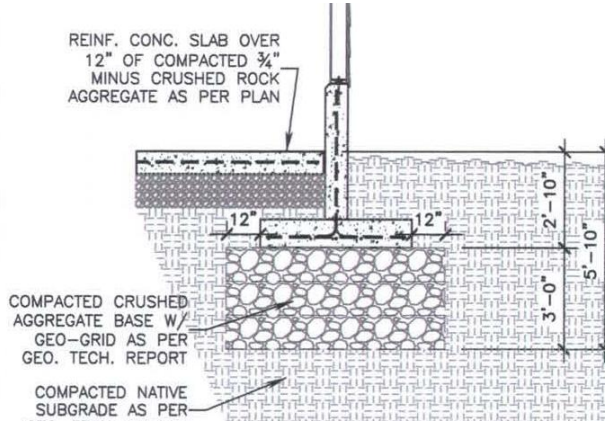
Dry Plant Floor and Foundation Sections



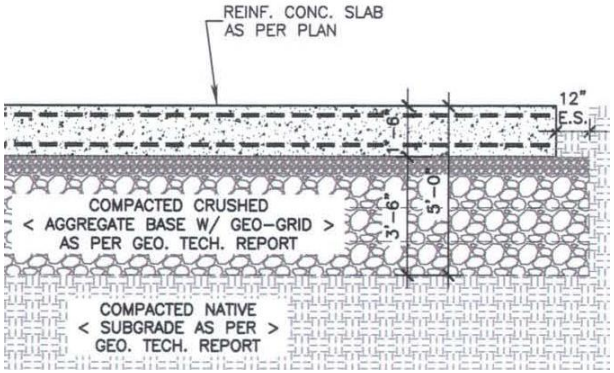
COMPACTED SUBBASE ON
NATIVE SOIL



REINFORCED SUBBASE BIN
WALL FTG IN FILL AREAS

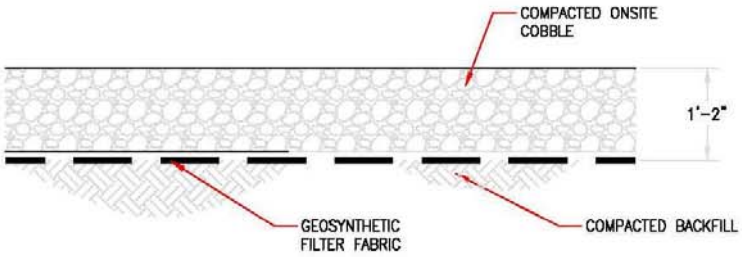


REINFORCED SUBBASE BIN
WALL FTG IN FILL AREAS

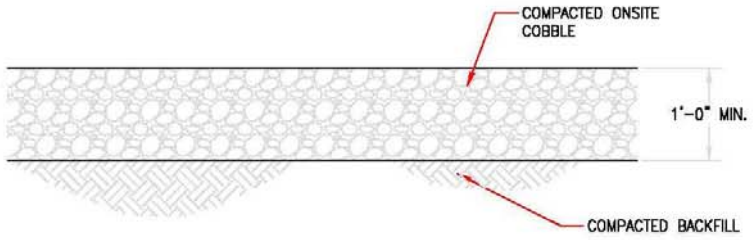


REINFORCED SUBBASE FOR
PADS IN FILL AREAS

Dry Plant Floor and Foundation Sections



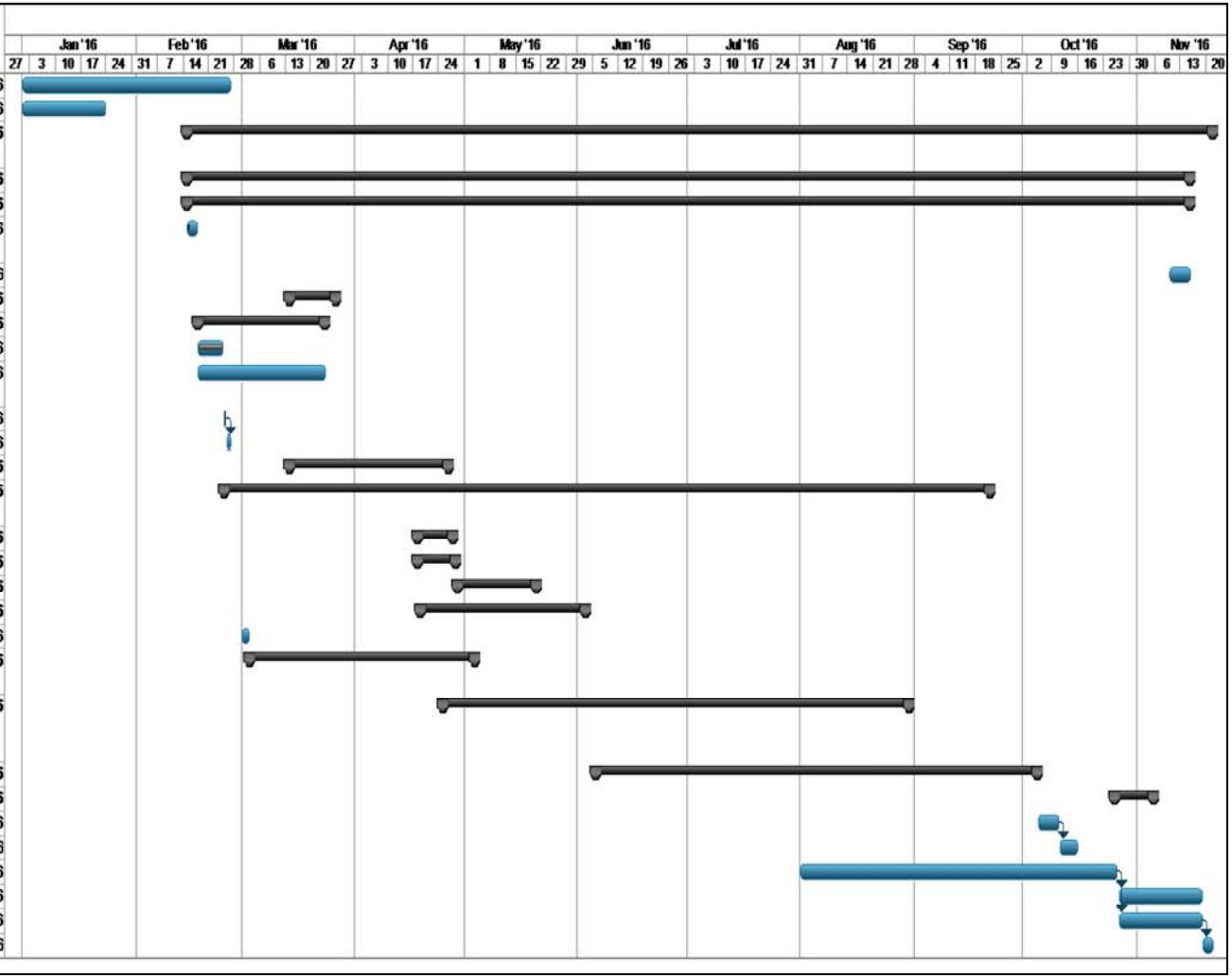
COBBLE ACCESS ROAD SECTION



YARD AREA SECTION

Project Construction Schedule

ID	Task Name	Duration	Start
1	Order Rebar (8 Week Lead Time)	49 days	1/1/16
2	Build Forms	20 days	1/1/16
3	FMC Pocatello Valley Wide Construction	241 days	2/15/16
4	Site Construction Activities	236 days	2/15/16
5	Site Work	236 days	2/15/16
6	Site Contractor Mobilization and Site Prep	3 days	2/15/16
7	Demobilization	5 days	11/10/16
8	Utility Installation	12 days	3/14/16
10	General Site Grading	30 days	2/18/16
11	General Site Grading	6 days	2/18/16
12	Borrow source excavation for cobble	30 days	2/18/16
13	F&I Cobble for Entrance Road	1 day	2/25/16
14	F&I Cobble for around Dry Plant	1 day	2/26/16
15	Railcar Loadout Area	38 days	3/14/16
21	Building Foundation Excavation/Footing Backfill	180 days	2/25/16
31	Truck Scale	9 days	4/18/16
35	Stormwater Detention Pond	10 days	4/18/16
39	Tank Farm	19 days	4/29/16
44	Detention Pond	39 days	4/19/16
50	Building Contractor Mobilization	2 days	3/1/16
51	Footings FL 1, A, 16, 2, 3, 4, 10, 11, 12, I	53 days	3/3/16
56	Foundations FL 1, A, 16, 2, 3, 4, 10, 11, 12, I, Wall Columns FL 1, 2, 3, 4, 10, 11, 12, and 16	110 days	4/25/16
75	Building Structure Construction	104 days	6/6/16
80	Parking and Laydown Areas	10 days	10/26/16
83	Alley Slab	5 days	10/5/16
84	Loadout Slab	5 days	10/11/16
85	Framing	75 days	8/1/16
86	Siding	20 days	10/27/16
87	Roofing	20 days	10/27/16
88	Building Contractor Demobilization	2 days	11/19/16



Construction Sequence (first 30 days)

Key Project Milestones	Planned Start Date
Rebar Procurement	January 1, 2016
Build Concrete Forms	January 1, 2016
Earthwork/Utility Contractor Mobilization	February 15, 2015
Site Grading	February 18, 2015
Borrow Source Excavation for Cobble	February 18, 2015
Water Main Construction	February 23, 2015
Place cobble for entrance Road and clean zone around Dry Plant Footprint	February 25, 2015
Commence Excavation of Dry Plant Footings	February 25, 2015
Install compacted cobble for Dry Plant Footing subbase	February 28, 2015
Commence installation of Concrete formwork and pour for Dry Plant Footings and Walls	March 3, 2015
Complete form and pour of FL-1, A, 16	March 19, 2015

Work Plan

EPA Approval:

- Contractor Construction Workplan
- Construction Quality Control Plan
- Project Overview Barchart Schedule
- RAWP Addendum

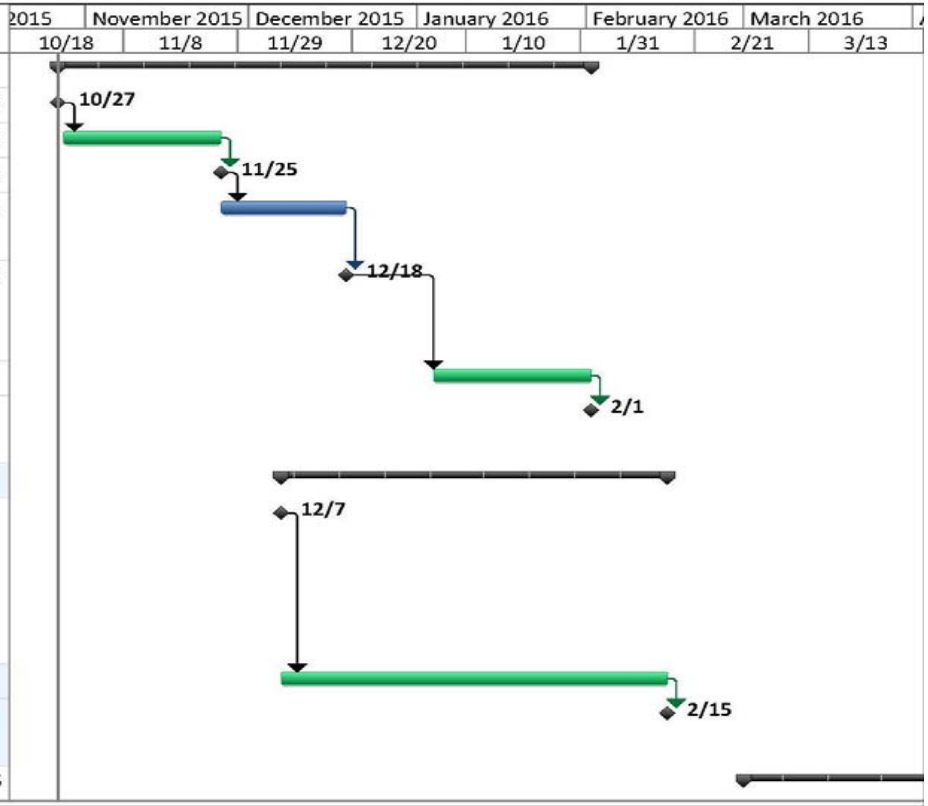
Other:

- Contractor HASP
- Stormwater Pollution Prevention Plan (SWPPP)
- Erosion and Sediment Control Plan (ESCP)

Contractor Addenda to and/or Acknowledgement of Adherence to the currently established site work plans for the OU remedy (i.e. Dust Control Plan, Spill Prevention Control and Countermeasures Plan, Emergency Response Plan etc.)

Contractor Plans and Construction Timelines

ID	Task Name	Duration	Start	Finish
1	**Soil Remediation Design**	**60 days**	**10/27/15**	**2/1/16**
2	Addendum Submitted	0 days	10/27/15	10/27/15
3	EPA Comments Period	21 days	10/28/15	11/25/15
4	EPA Comments	0 days	11/25/15	11/25/15
5	Final Soil RD Preparation	17 days	11/26/15	12/18/15
6	Final Soil RD Preparation (includes Addendum)	0 days	12/18/15	12/18/15
7	EPA Comments Period	21 days	1/4/16	2/1/16
8	EPA Approval Final Soil RD	0 days	2/1/16	2/1/16
9	**Contractor Plans**	**41 days**	**12/7/15**	**2/15/16**
10	Submit Contractor Plans for RA-G Development: Construction Plan, Construction QC Plan, Bar Chart	0 days	12/7/15	12/7/15
11	EPA Comments Period	41 days	12/7/15	2/15/16
12	EPA Approval Contractor Plans	0 days	2/15/16	2/15/16
13	**Construction**	**190 days**	**3/1/16**	**11/21/16**



Project: RA-G Redevelopment - RD, Contractor Plan and Construction Start Timeline.pdf

Date: 12/8/15

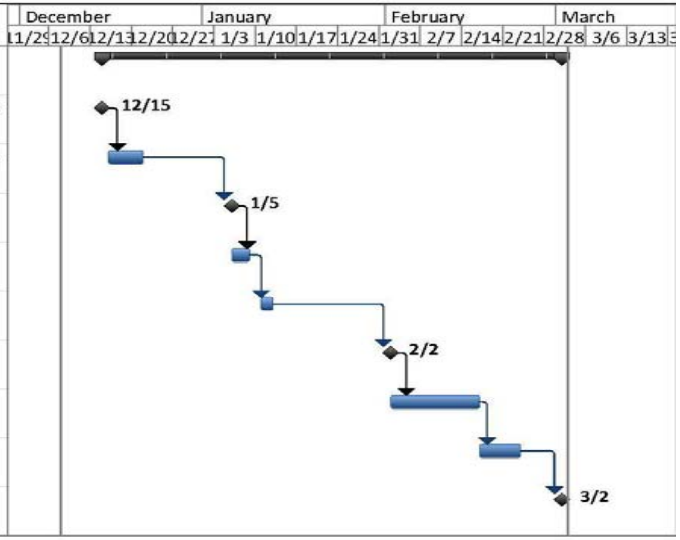
Task

Milestone

Summary Project

GWTP Schedule for GC Award

ID	Task Name	Duration	Start	Finish
1	**General Contractors for GWTP**	**56 days**	**12/15/15**	**3/2/16**
2	Request for Qualifications issued to General Contractors (GCs)	0 days	12/15/15	12/15/15
3	MWH to finalize Request for Proposal (Bid package) for FMC review	4 days	12/16/15	12/21/15
4	Site Pre-bid Meeting/Bid Walk/RFP Issue to Contractors	0 days	1/5/16	1/5/16
5	Contractor Questions Submittal	3 days	1/6/16	1/8/16
6	FMC response to Contractor Questions	2 days	1/11/16	1/12/16
7	Contractor Bids Due	0 days	2/2/16	2/2/16
8	FMC Proposal Review/Contractor Selection	11 days	2/2/16	2/16/16
9	NOI to Award	5 days	2/17/16	2/23/16
10	GC Contract Signed	0 days	3/2/16	3/2/16



Project: GC for GWTP.pdf

Date: 12/8/15

Task

Milestone

Summary

Comparison of Materials, Thickness, Density and Exposure Rate for the Gamma Cap Tested in the WUA and Final Design for the Redevelopment Structures and Features

Cap / Structure	Cap Materials	Thickness (in.)	Material Density (lbs/ft^3)	Exposure Rate[1] ($\mu R/hr$)
Modeled gamma cap	WUA silt	12	87.4	2.86
Gamma Test Cap	WUA silt	12 ± 2	88	1.5
Gamma Test Cap	WUA silt	$14 + 2$	88	0.9
Gamma Test Cap	WUA silt	18 ± 2	88	0
Warehouse and Tunnel Floor / Foundation	Reinforced concrete (RC) Imported ¾" aggregate base (AB)	Min 6 RC over 12 AB (18 total)	RC 142 AB 120 (Ave 127)	0
Tank Farm	Imported ½-inch pea gravel WUA gravel (WG)	6 Pea gravel over 12 WG (18 total)	Pea gravel 115 WG 96 (Ave 118)	0
Shop	Reinforced concrete (RC) Imported ¾" aggregate base (AB)	Min 6 RC over 12 AB (18 total)	RC 142 AB 120 (Ave 127)	0
Detention Basin	Imported ½-inch pea gravel WUA silt	3 Pea gravel over 12 WUA silt (15 total)	Pea gravel 115 WUA silt 88 (Ave 93.4)	<0.9
Main access road	WG	14	96	< 0.9
Parking and laydown areas	WG	12	96	< 1.5